

EXHIBIT 46

Disputed Cisco Command	Brocade Command Syntax	Bates Number of Brocade Manual
aaa accounting	aaa accounting exec default start-stop none [no] aaa accounting exec default start-stop radius tacacs+ none	ARISTANDCA_BROCADE01785618, ARISTANDCA_BROCADE00062898
aaa authentication login	aaa authentication login { default ldap local radius { local local-auth-failback } tacacs+ { local local-auth-failback } }	ARISTANDCA_BROCADE01785618
address-family	address-family { ipv4 ipv6 } no address-family { ipv4 ipv6 }	ARISTANDCA_BROCADE01785618
aggregate-address	aggregate-address { ip-addr ip-mask ipv6-addr ipv6-mask } [advertise-map map-name] [as-set] [attribute-map map-name] [summary-only] [suppress-map map-name]	ARISTANDCA_BROCADE01785618
area nssa	area { A.B.C.D decimal } nssa { metric [no-summary] default-information-originate }	ARISTANDCA_BROCADE01785618
area nssa (OSPFv3)	area { IPv6 address decimal } nssa { metric } [default-information-originate [metric num] [metric-type { type-1 type-2 }]] [no-redistribution] [no-summary] [translator-always] [translator-interval interval]	ARISTANDCA_BROCADE01785618
area nssa default-information-originate	area { A.B.C.D decimal } nssa { metric [no-summary] default-information-originate }	ARISTANDCA_BROCADE01785618
area nssa default-information-originate (OSPFv3)	area { IPv6 address decimal } nssa { metric } [default-information-originate [metric num] [metric-type { type-1 type-2 }]] [no-redistribution] [no-summary] [translator-always] [translator-interval interval]	ARISTANDCA_BROCADE01785618
area range	area { A.B.C.D decimal } range E.F.G.H.I.J.K.L [advertise not-advertise] [cost cost value]	ARISTANDCA_BROCADE01785618
area range (OSPFv3)	area { IPv6 address decimal } range ipv6 address/mask [advertise not-advertise] [cost cost value]	ARISTANDCA_BROCADE01363517
area stub	area { A.B.C.D decimal } stub metric [no-summary]	ARISTANDCA_BROCADE01785618
area stub (OSPFv3)	area { A.B.C.D decimal } stub metric [no-summary]	ARISTANDCA_BROCADE01785618
banner login	banner login message	ARISTANDCA_BROCADE01785618
banner motd	banner motd message	ARISTANDCA_BROCADE01785618
bfd all-interfaces	bfd all-interfaces all-vrfs	ARISTANDCA_BROCADE1530651
bgp redistribute internal	bgp redistribute-internal	ARISTANDCA_BROCADE01785618
boot system	boot system flash { primary secondary } [yes]	ARISTANDCA_BROCADE01363517
channel-group	channel-group number mode { active passive on } [type { standard brocade }]	ARISTANDCA_BROCADE01785618
clear arp-cache	clear arp-cache [interface interface-type interface-number [no-refresh]] [ip ip-address [no-refresh]] [no-refresh]	ARISTANDCA_BROCADE01689556
clear counters	clear counters { access-list { ip ipv6 mac } { all interface { fcoe { vn-number all } port-channel number fibrechannel rbridge-id/slot/port <N> gigabitethernet rbridge-id/slot/port } slot-id number vlan vlan_id } storm-control }	ARISTANDCA_BROCADE01785618
clear ip msdp sa-cache	clear ip msdp { vrf vrf-name } sa-cache [ip-addr]	ARISTANDCA_BROCADE01363517
clear ip ospf neighbor	clear ip ospf neighbor { A.B.C.D all }	ARISTANDCA_BROCADE01785618
clear mac-address-table dynamic	clear mac-address-table dynamic [address mac_address interface <N> gigabitethernet rbridge-id/slot/port vlan vlan_id]	ARISTANDCA_BROCADE01785618
clear spanning-tree counters	clear spanning-tree counter [interface port-channel number <N> gigabitethernet rbridge-id/slot/port]	ARISTANDCA_BROCADE01785618
clock set	clock set CCYY-MM-DDTHH:MM:SS [rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
clock timezone	clock timezone region/city [rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
default-information originate (OSPF)	area { A.B.C.D decimal } nssa { metric [no-summary] default-information-originate }	ARISTANDCA_BROCADE01785618
default-information originate (OSPFv3)	area { IPv6 address decimal } nssa { metric } [default-information-originate [metric num] [metric-type { type-1 type-2 }]] [no-redistribution] [no-summary] [translator-always] [translator-interval interval]	ARISTANDCA_BROCADE01785618
default-metric (OSPF)	default-metric metric	ARISTANDCA_BROCADE01785618
default-metric (OSPFv3)	default-metric metric	ARISTANDCA_BROCADE01785618
domain-id	domain-id <domain-identifier>	ARISTANDCA_BROCADE00062898
dot1x port-control	dot1x port-control { auto force-authorized force-unauthorized }	ARISTANDCA_BROCADE01785618
dot1x reauthentication	dot1x reauthentication	ARISTANDCA_BROCADE01785618
dot1x timeout reauth-period	dot1x timeout re-authperiod seconds	ARISTANDCA_BROCADE01785618
dot1x timeout tx-period	dot1x timeout tx-period seconds	ARISTANDCA_BROCADE01785618
errdisable recovery cause	errdisable recovery cause { all cause }	ARISTANDCA_BROCADE01363517
errdisable recovery interval	errdisable recovery interval time	ARISTANDCA_BROCADE01363517
interface ethernet	interface [fibrechannel rbridge-id/slot/port fcoe vn-number/rbridge-id/front-port-number <N> gigabitethernet rbridge-id/slot/port port-channel number vlan vlan_id]	ARISTANDCA_BROCADE01785618
interface loopback	interface loopback port_number	ARISTANDCA_BROCADE01785618
interface port-channel	interface [fibrechannel rbridge-id/slot/port fcoe vn-number/rbridge-id/front-port-number <N> gigabitethernet rbridge-id/slot/port port-channel number vlan vlan_id]	ARISTANDCA_BROCADE01785618
interface vlan	interface [fibrechannel rbridge-id/slot/port fcoe vn-number/rbridge-id/front-port-number <N> gigabitethernet rbridge-id/slot/port port-channel number vlan vlan_id]	ARISTANDCA_BROCADE01785618
ip access-group	ip access-group ACLname { in out } [switched routed]	ARISTANDCA_BROCADE01785618
ip access-list	p access-list { standard extended } ACLname	ARISTANDCA_BROCADE01785618
ip access-list standard	p access-list { standard extended } ACLname	ARISTANDCA_BROCADE01785618
ip address	ip address ip-address/mask [secondary] [{ ospf-ignore ospf-active }]	ARISTANDCA_BROCADE01785618
ip as-path access-list	ip as-path access-list string [seq seq-value] [deny regular-expression permit regular-expression]	ARISTANDCA_BROCADE01785618
ip community-list standard	ip community-list standard community-list-name { deny [community-number AA:NN] permit community-number } [seq seq-value] [internet local-as no-advertise no-export]	ARISTANDCA_BROCADE01785618

ip domain lookup	[no] ip domain-lookup <ip-address> <host-name>	ARISTANDCA_BROCADE00062898
ip domain-name	ip domain-name name	ARISTANDCA_BROCADE00571651
ip helper-address	ip helper-address address-number [ip-address [unicast]]	ARISTANDCA_BROCADE01363517
ip icmp redirect	ip icmp redirect	ARISTANDCA_BROCADE01785618
ip igmp last-member-query-interval	ip igmp last-member-query-interval <i>milliseconds</i>	ARISTANDCA_BROCADE01785618
ip igmp query-interval	ip igmp query-interval <i>seconds</i>	ARISTANDCA_BROCADE01785618
ip igmp query-max-response-time	ip igmp query-max-response-time <i>seconds</i>	ARISTANDCA_BROCADE01785618
ip igmp static-group	ip igmp static-group <i>A.B.C.D</i>	ARISTANDCA_BROCADE01785618
ip igmp version	ip igmp version	ARISTANDCA_BROCADE01363517
ip load-sharing	ip load-sharing	ARISTANDCA_BROCADE01785618
ip multicast boundary	ip multicast-boundary [<i>prefix-list</i>]	ARISTANDCA_BROCADE01785618
ip multicast-routing	ip multicast-routing optimization oif-list all ip multicast-routing load-sharing [<i>rebalance</i>]	ARISTANDCA_BROCADE01363517 AND ARISTANDCA_BROCADE1530651
ip nat pool	[no] ip nat pool <pool-name> <start-ip> <end-ip> netmask <ip-mask> prefix-length <length> [type match-host rotary]	ARISTANDCA_BROCADE00062898
ip nat translation tcp-timeout	[no] ip nat translation timeout udp-timeout tcp-timeout finrst-timeout dns-timeout <secs>	ARISTANDCA_BROCADE00062898
ip nat translation udp-timeout	[no] ip nat translation timeout udp-timeout tcp-timeout finrst-timeout dns-timeout <secs>	ARISTANDCA_BROCADE00062898
ip ospf authentication-key	ip ospf authentication-key { 0 <i>password</i> 2 <i>password</i> 255 <i>password</i> <i>password</i> }	ARISTANDCA_BROCADE01785618
ip ospf cost	ip ospf cost <i>value</i>	ARISTANDCA_BROCADE01785618
ip ospf dead-interval	ip ospf dead-interval <i>interval</i>	ARISTANDCA_BROCADE01785618
ip ospf hello-interval	ip ospf hello-interval <i>interval</i>	ARISTANDCA_BROCADE01785618
ip ospf network	ip ospf network { broadcast point-to-point }	ARISTANDCA_BROCADE01785618
ip ospf priority	ip ospf priority <i>value</i>	ARISTANDCA_BROCADE01785618
ip ospf retransmit-interval	ip ospf retransmit-interval <i>rtx-int</i>	ARISTANDCA_BROCADE01785618
ip ospf transmit-delay	ip ospf transmit-delay <i>tx-delay</i>	ARISTANDCA_BROCADE01785618
ip pim dr-priority	ip pim dr-priority <i>priority-value</i>	ARISTANDCA_BROCADE01785618
ip prefix-list	ip prefix-list <i>name</i> { [deny <i>ip-prefix/prefix-length</i> permit <i>ip-prefix/prefix-length</i>] <i>ge ge-value</i> [le <i>le-value</i>] } [<i>seq sequence-number</i>]	ARISTANDCA_BROCADE01785618
ip proxy-arp	ip proxy-arp	ARISTANDCA_BROCADE01785618
ip radius source-interface	ip radius source-interface { ethernet stack-id/slot/port loopback number management number ve number }	ARISTANDCA_BROCADE01363517
ip route	ip route <i>A.B.C.D/L A.B.C.D</i> { <i>metric</i> } [distance <i>distance</i>] [tag tag] ip route <i>A.B.C.D/L</i> { <N>gigabitethernet slot/port ve <i>vlan_id</i> } [<i>metric</i>] [distance <i>distance</i>] [tag tag] ip route <i>A.B.C.D/L</i> null slot/port [<i>metric</i>] [distance <i>distance</i>] [tag tag]	ARISTANDCA_BROCADE01785618
ip tacacs source-interface	ip tacacs source-interface { ethernet stack-id/slot/port loopback number management number ve number }	ARISTANDCA_BROCADE01363517
ipv6 access-list	ipv6 access-list { standard extended } <i>ACLname</i>	ARISTANDCA_BROCADE01785618
ipv6 address	ipv6 address <i>ipv6-prefix/prefix-length</i> [secondary]	ARISTANDCA_BROCADE01785618
ipv6 enable	ipv6 enable	ARISTANDCA_BROCADE01363517
ipv6 access-group	ipv6 access-group <i>ACLname</i> { in out } [switched routed]	ARISTANDCA_BROCADE01785618
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	ARISTANDCA_BROCADE01785618
ipv6 nd ns-interval	ipv6 nd ns-interval <i>seconds</i>	ARISTANDCA_BROCADE01785618
ipv6 nd other-config-flag	ipv6 nd other-config-flag	ARISTANDCA_BROCADE01785618
ipv6 nd ra interval	ipv6 nd ra-interval <i>max-value</i> min <i>min-value</i>	ARISTANDCA_BROCADE01785618
ipv6 nd ra lifetime	ipv6 nd ra-lifetime <i>seconds</i>	ARISTANDCA_BROCADE01785618
ipv6 nd reachable-time	ipv6 nd reachable-time <i>milli seconds</i>	ARISTANDCA_BROCADE01785618
ipv6 neighbor	ipv6 neighbor <i>ipv6address</i> <i>MACaddress</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf area	ipv6 ospf area <i>area-id</i> <i>ipv6-addr</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf cost	ipv6 ospf cost <i>value</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf dead-interval	ipv6 ospf dead-interval <i>interval</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf hello-interval	ipv6 ospf hello-interval <i>interval</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf network	ipv6 ospf network { broadcast point-to-point }	ARISTANDCA_BROCADE01785618
ipv6 ospf priority	ipv6 ospf priority <i>value</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf retransmit-interval	ipv6 ospf retransmit-interval <i>interval</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf transmit-delay	ipv6 ospf transmit-delay <i>value</i>	ARISTANDCA_BROCADE01785618
ipv6 prefix-list	ipv6 prefix-list <i>name</i> { [deny <i>ipv6-prefix/prefix-length</i> permit <i>ipv6-prefix/prefix-length</i>] <i>ge ge-value</i> [le <i>le-value</i>] } [<i>seq sequence-number</i>]	ARISTANDCA_BROCADE01785618
ipv6 route	ipv6 route <i>dest-ipv6-prefix/prefix-length</i> [next-hop-ipv6-address link-local-next-hop-ipv6-address] [<N>gigabitethernet slot/port null 0 ve <i>vlan_id</i>] [<i>metric</i>] [distance <i>number</i>] [tag tag] ipv6 route <i>ipv6-prefix/prefix-length</i> next-hop-vrf <i>vrf_name</i> next-hop-ipv6-address	ARISTANDCA_BROCADE01785618
ipv6 router ospf	ipv6 router ospf [<i>vrf name</i>]	ARISTANDCA_BROCADE01785618
ipv6 unicast-routing	ipv6 unicast-routing	ARISTANDCA_BROCADE01363517
isis hello-interval	[no] isis hello-interval <num> [level-1-only level-2-only]	ARISTANDCA_BROCADE00062898
isis hello-multiplier	[no] isis hello-multiplier <num> [level-1-only level-2-only]	ARISTANDCA_BROCADE00062898
isis metric	You can change the metric value for a specific interface using the isis metric command or the isis ipv6 command. The isis metric command configuration takes precedence over the default-link metric <i>value</i> command configuration.	ARISTANDCA_BROCADE1530651
isis passive	[no] isis passive	ARISTANDCA_BROCADE00062898
isis priority	[no] isis priority <num> [level-1-only level-2-only]	ARISTANDCA_BROCADE00062898
is-type	[no] is-type level-1-only level-1-2 level-2-only	ARISTANDCA_BROCADE00062898
lacp port-priority	lacp port-priority <i>value</i>	ARISTANDCA_BROCADE01785618

lACP system-priority	lACP system-priority <i>value</i>	ARISTANDCA_BROCADE01785618
lldp run	lldp run no lldp run	ARISTANDCA_BROCADE01363517
load-interval	statistics-load-interval { seconds accumulated } load-interval <interval>	ARISTANDCA_BROCADE01530651, ARISTANDCA_BROCADE00062898
logging host	logging host { ipv4-addr server-name ipv6 ipv6-addr } [udp-port number]	ARISTANDCA_BROCADE01363517
log-adjacency-changes (IS-IS)	[no] log-adjacency-changes	ARISTANDCA_BROCADE00062898
mac access-group	mac access-group <i>ACLname</i> { in out } [switched routed]	ARISTANDCA_BROCADE01785618
mac-address-table aging-time	mac-address-table { aging-time <i>seconds</i> conversational <i>aging_time</i> learning-mode <i>conversational</i> }	ARISTANDCA_BROCADE01785618
mac-address-table static	mac-address-table static <i>mac-addr</i> forward { <N> gigabitethernet <i>rbridge-id/slot/port</i> port-channel <i>number</i> vlan <i>vlan_id</i> }	ARISTANDCA_BROCADE01785618
maximum-paths	maximum-paths <i>num</i> use-load-sharing	ARISTANDCA_BROCADE01785618
maximum-paths (OSPFv3)	maximum-paths <i>num</i> no maximum-paths	ARISTANDCA_BROCADE01785618
neighbor activate	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } activate	ARISTANDCA_BROCADE01785618
neighbor default-originate	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } default-originate [<i>route-map map-name</i>]	ARISTANDCA_BROCADE01785618
neighbor description	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } description <i>string</i>	ARISTANDCA_BROCADE01785618
neighbor ebgp-multiphop	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } ebgp-multiphop [<i>max-hop-count</i>]	ARISTANDCA_BROCADE01785618
neighbor local-as	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } local-as <i>num</i> [no-prepend]	ARISTANDCA_BROCADE01785618
neighbor next-hop-self	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } next-hop-self [always]	ARISTANDCA_BROCADE01785618
neighbor password	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } password <i>string</i>	ARISTANDCA_BROCADE01785618
neighbor peer-group (assigning members)	neighbor { <i>ip-address</i> <i>ipv6-address</i> } peer-group <i>string</i>	ARISTANDCA_BROCADE01785618
neighbor peer-group (creating)	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } { activate advertisement-interval allowas-in as-override capability as4 capability orf prefixlist default-originate description ebgp-multiphop enforce-first-as filter-list local-as maxas-limit in maximum-prefix next-hop-self password peer-group prefix-list remote-as remove-private-as route-map route- reflector-client send-community shutdown soft-reconfiguration static- network-edge timers unsuppress-map update-sourceweight }	ARISTANDCA_BROCADE01785618
neighbor remote-as	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } { activate advertisement-interval allowas-in as-override capability as4 capability orf prefixlist default-originate description ebgp-multiphop enforce-first-as filter-list local-as maxas-limit in maximum-prefix next-hop-self password peer-group prefix-list remote-as remove-private-as route-map route- reflector-client send-community shutdown soft-reconfiguration static- network-edge timers unsuppress-map update-sourceweight }	ARISTANDCA_BROCADE01785618
neighbor remove-private-as	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } { activate advertisement-interval allowas-in as-override capability as4 capability orf prefixlist default-originate description ebgp-multiphop enforce-first-as filter-list local-as maxas-limit in maximum-prefix next-hop-self password peer-group prefix-list remote-as remove-private-as route-map route- reflector-client send-community shutdown soft-reconfiguration static- network-edge timers unsuppress-map update-sourceweight }	ARISTANDCA_BROCADE01785618
neighbor route-map	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } route-map { in <i>string</i> out <i>string</i> }	ARISTANDCA_BROCADE01785618
neighbor route-reflector-client	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } route-reflector-client	ARISTANDCA_BROCADE01785618
neighbor send-community	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } { activate advertisement-interval allowas-in as-override capability as4 capability orf prefixlist default-originate description ebgp-multiphop enforce-first-as filter-list local-as maxas-limit in maximum-prefix next-hop-self password peer-group prefix-list remote-as remove-private-as route-map route- reflector-client send-community shutdown soft-reconfiguration static- network-edge timers unsuppress-map update-sourceweight }	ARISTANDCA_BROCADE01785618
neighbor shutdown	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } { activate advertisement-interval allowas-in as-override capability as4 capability orf prefixlist default-originate description ebgp-multiphop enforce-first-as filter-list local-as maxas-limit in maximum-prefix next-hop-self password peer-group prefix-list remote-as remove-private-as route-map route- reflector-client send-community shutdown soft-reconfiguration static- network-edge timers unsuppress-map update-sourceweight }	ARISTANDCA_BROCADE01785618
neighbor soft-reconfiguration	neighbor { <i>ip-address</i> <i>ipv6-address</i> <i>peer-group-name</i> } { activate advertisement-interval allowas-in as-override capability as4 capability orf prefixlist default-originate description ebgp-multiphop enforce-first-as filter-list local-as maxas-limit in maximum-prefix next-hop-self password peer-group prefix-list remote-as remove-private-as route-map route- reflector-client send-community shutdown soft-reconfiguration static- network-edge timers unsuppress-map update-source weight }	ARISTANDCA_BROCADE01785618

neighbor timers	neighbor { ip-address ipv6-address peer-group-name } { activate advertisement-interval allowas-in as-override capability as4 capability orf prefixlist default-originate description ebgp-multihop enforce-first-as filter-list local-as maxas-limit in maximum-prefix next-hop- self password peer-group prefix-list remote-as remove-private-as route-map route-reflector-client send-community shutdown soft-reconfiguration static-network-edge timers unsuppress-map update-source weight }	ARISTANDCA_BROCADE01785618
neighbor update-source	neighbor { ip-address ipv6-address peer-group-name } { activate advertisement-interval allowas-in as-override capability as4 capability orf prefixlist default-originate description ebgp-multihop enforce-first-as filter-list local-as maxas-limit in maximum-prefix next-hop- self password peer-group prefix-list remote-as remove-private-as route-map route-reflector-client send-community shutdown soft-reconfiguration static-network-edge timers unsuppress-map update-source weight }	ARISTANDCA_BROCADE01785618
neighbor weight	neighbor { ip-address ipv6-address peer-group-name } { activate advertisement-interval allowas-in as-override capability as4 capability orf prefixlist default-originate description ebgp-multihop enforce-first-as filter-list local-as maxas-limit in maximum-prefix next-hop- self password peer-group prefix-list remote-as remove-private-as route-map route-reflector-client send-community shutdown soft-reconfiguration static-network-edge timers unsuppress-map update-source weight }	ARISTANDCA_BROCADE01785618
no snmp-server	no snmp-server community string [groupname group-name] [ipv4-acl standard-ipv4-acl-name] [ipv6-acl standard-ipv6-acl-name]	ARISTANDCA_BROCADE01785618
ntp authentication-key	ntp authentication-key key-id {md5 md5-string sha1 sha1-string } encryption-level enc_value	ARISTANDCA_BROCADE01785618
ntp server	ntp server ip-address [key key-id]	ARISTANDCA_BROCADE01785618
private-vlan	private-vlan [isolated community primary]	ARISTANDCA_BROCADE01785618
radius-server host	radius-server host { ip-address host_name } [auth-port portnum] [protocol { chap pap peap }] [key shared_secret] [encryption-level value_level] [timeout sec] [retries num]	ARISTANDCA_BROCADE01785618
radius-server key	radius-server host { ip-address host_name } [auth-port portnum] [protocol { chap pap peap }] [key shared_secret] [encryption-level value_level] [timeout sec] [retries num]	ARISTANDCA_BROCADE01785618
radius-server timeout	radius-server host { ip-address host_name } [auth-port portnum] [protocol { chap pap peap }] [key shared_secret] [encryption-level value_level] [timeout sec] [retries num]	ARISTANDCA_BROCADE01785618
route-map	route-map name { permit deny } instance_number	ARISTANDCA_BROCADE01785618
router bgp	router bgp	ARISTANDCA_BROCADE01785618
router isis	device(config)# router isis	ARISTANDCA_BROCADE01530651
router ospf	router ospf { vrf name }	ARISTANDCA_BROCADE01785618
router rip	device(config)# router rip	ARISTANDCA_BROCADE01530651
set-overload-bit	[no] set-overload-bit [on-startup <secs>]	ARISTANDCA_BROCADE00062898
show arp	show arp [dynamic[summary]] <N> gigabitethernet rbridge-id/slot/port ip ip-address static [summary] summary ve vlan_id vrf name [rbridge-id all rbridge_id] slot slot_no [[ip-address] [vrf name] [ip-address]]	ARISTANDCA_BROCADE01785618
show clock	show clock [rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show dot1x	show dot1x	ARISTANDCA_BROCADE01785618
show dot1x statistics	show dot1x statistics interface [<N> gigabitethernet rbridge-id/slot/port]	ARISTANDCA_BROCADE01785618
show environment power	show environment power [rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show interfaces	show interface [fibrechannel rbridge-id/slot/port management rbridge-id/slot/port fcoe [vn-number/rbridge-id/front-port-number rbridge-id rbridge-id] <N> gigabitethernet rbridge-id/slot/port loopback number port-channel number stats rbridge-id/slot/port switchport vlan vlan_id]	ARISTANDCA_BROCADE01785618
show inventory	show inventory [chassis fan module powerSupply]	ARISTANDCA_BROCADE01785618
show ip access-lists	show access-list { ip ipv6 mac } show ip access-list all <acl-number> begin <keyword> exclude <keyword> include <keyword>	ARISTANDCA_BROCADE01785618 ARISTANDCA_BROCADE00062898
show ip bgp	show ip bgp { ip-addr [/prefix] } [longer-prefixes rbridge-id { rbridge-id all } vrf vrf-name]	ARISTANDCA_BROCADE01785618
show ip bgp neighbors	show ip bgp neighbors ip-addr show ip bgp neighbors last-packet-with-error [rbridge-id { rbridge-id all } vrf vrf-name] show ip bgp neighbors routes-summary [rbridge-id { rbridge-id all } show ip bgp neighbors vrf vrf-name vrf vrf-name] show ip bgp neighbors rbridge-id { rbridge-id all }	ARISTANDCA_BROCADE01785618
show ip bgp peer-group	show ip bgp peer-group peer-group-name [rbridge-id { rbridge-id all } vrf vrf-name]	ARISTANDCA_BROCADE01785618
show ip bgp summary	show ip bgp summary [rbridge-id { rbridge-id all } vrf vrf-name]	ARISTANDCA_BROCADE01785618
show ip extcommunity-list	show ip extcommunity-list [list_name [rbridge-id number] rbridge-id list_name]	ARISTANDCA_BROCADE01785618
show ip igmp groups	show ip igmp groups [[A.B.C.D [detail]] rbridge-id { rbridge-id all } [interface [<N> gigabitethernet rbridge-id/slot/port ve [vlan_id rbridge-id rbridge-id] [detail A.B.C.D]] [interface vlan vlan_id detail] [interface port-channel number detail]]]	ARISTANDCA_BROCADE01785618
show ip igmp interface	show ip igmp interface [vlan vlan_id [[A.B.C.D [detail]] rbridge-id { rbridge-id all }] [interface [<N> gigabitethernet rbridge-id/slot/port ve [vlan_id rbridge-id rbridge-id] [detail A.B.C.D]] [interface vlan vlan_id detail] [interface port-channel number detail]]]	ARISTANDCA_BROCADE01785618
show ip igmp snooping	show ip igmp snooping [interface vlan vlan_id mrouter interface vlan vlan_id]	ARISTANDCA_BROCADE01785618

show ip interface	show ip interface [brief [rbridge-id { rbridge-id all }] <N> gigabitethernet rbridge-id/slot/port loopback number port-channel number ve vlan_id]	ARISTANDCA_BROCADE01785618
show ip interface brief	show ip interface [brief [rbridge-id { rbridge-id all }] <N> gigabitethernet rbridge-id/slot/port loopback number port-channel number ve vlan_id]	ARISTANDCA_BROCADE01785618
show ip mroute	show ip mroute [vrf vrf-name] { static connected nexthop ip-subnet [mask] }	ARISTANDCA_BROCADE01363517
show ip msdp peer	show ip msdp peer [vrf vrf-name] peer peer-address	ARISTANDCA_BROCADE01363517
show ip msdp sa-cache	show ip msdp [vrf vrf-name] sa-cache [counts] [source-address group-address peer peer-address [in out] peer-as as-number orig-rp rp-address rejected [rnf rnf-filter se-filter self-originated]	ARISTANDCA_BROCADE01363517
show ip msdp summary	show ip msdp [vrf vrf-name] summary	ARISTANDCA_BROCADE01363517
show ip nat translations	show ip nat translation	ARISTANDCA_BROCADE00062898
show ip ospf	show ip ospf [vrf name [rbridge-id { rbridge-id all }]]	ARISTANDCA_BROCADE01785618
show ip ospf border-routers	show ip ospf border-routers [A.B.C.D] [[vrf vrfname [rbridge-id { rbridge-id all }]] rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show ip ospf database database-summary	show ip ospf database database-summary [[vrf vrfname [rbridge-id { rbridge-id all }]] rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show ip ospf interface	show ip ospf interface [{ A.B.C.D <N> gigabitethernet rbridge-id/slot/port [brief] [brief] loopback number port-channel number [brief] ve vlan_id [brief] } [brief]] [[vrf vrfname [rbridge-id { rbridge-id all }]] rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show ip ospf neighbor	show ip ospf neighbor [extensive] [{ <N> gigabitethernet rbridge-id/slot/port loopback number port-channel number router-id A.B.C.D ve vlan_id } [[vrf vrfname [rbridge-id { rbridge-id all }]] rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show ip pim interface	show ip pim interface { ethernet stackid/slot/port-id loopback loopback number ve ve-number }	ARISTANDCA_BROCADE01363517
show ip pim neighbor	show ip pim neighbor [interface <N> gigabitethernet rbridge-id/slot/port]	ARISTANDCA_BROCADE01785618
show ip pim rp-hash	show ip pim rp-hash A.B.C.D [rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show ip route	show ip route A.B.C.D [rbridge-id { rbridge-id all }] vrf vrf-name [[rbridge-id { rbridge-id all } show ip route A.B.C.D/M [longer] [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route all [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route bgp [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route connected [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route detail [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route import [src-vrf-name] [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route nexthop [nexthopID] [ref-routes] [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route ospf [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route slot line_card_number [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route static [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route summary [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route vrf vrf-name [rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show ip route summary	show ip route summary [rbridge-id { rbridge-id all } vrf vrf-name] [rbridge-id { rbridge-id all } show ip route vrf vrf-name [rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show ipv6 access-list	show ipv6 access-list [acl-name]	ARISTANDCA_BROCADE01363517
show ipv6 bgp	show ipv6 bgp attribute-entries [rbridge-id { rbridge-id all } vrf vrf-name] show ipv6 bgp dampened-paths [rbridge-id { rbridge-id all } vrf vrf-name] show ipv6 bgp filtered-routes ipv6-addr mask [longer-prefixes [rbridge-id { rbridge-id all }] rbridge-id { rbridge-id all } vrf vrf-name] show ipv6 bgp flap-statistics ipv6-addr mask [longer-prefixes [rbridge-id { rbridge-id all }] rbridge-id { rbridge-id all } vrf vrf-name] show ipv6 bgp neighbors ipv6-addr show ipv6 bgp peer-group [peer-group-name [rbridge-id { rbridge-id all }]] show ipv6 bgp rbridge-id { rbridge-id all } vrf vrf-name]	ARISTANDCA_BROCADE01785618
show ipv6 bgp summary	show ipv6 bgp summary [rbridge-id { rbridge-id all } vrf vrf-name]	ARISTANDCA_BROCADE01785618
show ipv6 interface	show ipv6 interface [brief [rbridge-id { all rbridge-id }] { <N> gigabitethernet rbridge-id/slot/port ve vlan_id [rbridge-id { all rbridge-id }] }	ARISTANDCA_BROCADE01785618
show ipv6 ospf interface	show ipv6 ospf interface [all-vrfs] [brief] [<N> gigabitethernet mappedID/slot/port] [loopback number] [rbridge-id rbridge-id] [ve vlan_id] [vrf vrfname]	ARISTANDCA_BROCADE01785618
show ipv6 ospf neighbor	show ipv6 ospf neighbor [all-vrfs] [detail] [interface { <N> gigabitethernet rbridge-id/slot/port loopback number ve vlan_id }] [rbridge-id rbridge-id] [router-id A.B.C.D] [vrf vrfname]	ARISTANDCA_BROCADE01785618

show ipv6 route	show ipv6 route [ipv6address/prefix] [longer] [rbridge-id { all rbridge-id }] [vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route all [rbridge-id { all rbridge-id }] [vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route bgp [rbridge-id { all rbridge-id }] [vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route connected [rbridge-id { all rbridge-id }] [vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route detail [rbridge-id { rbridge-id all }] [vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route import [src-vrf-name] [rbridge-id { all rbridge-id }] [vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route nexthop [decimal ref-routes [rbridge-id { all rbridge-id }] [vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route ospf [rbridge-id { all rbridge-id }] [vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route rbridge-id { all rbridge-id } [rbridge-id { rbridge-id all } show ipv6 route slot slot [ipv6address ipv6prefix vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route static [rbridge-id { all rbridge-id }] [vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route summary [rbridge-id { all rbridge-id }] [vrf vrf-name] [rbridge-id { rbridge-id all } show ipv6 route system-summary [rbridge-id { all rbridge-id }] show ipv6 route vrf vrf-name [rbridge-id { all rbridge-id }]	ARISTANDCA_BROCADE01785618
show ipv6 route summary	show ipv6 route summary [rbridge-id { all rbridge-id }] [vrf vrf-name] [rbridge-id { rbridge-id all }	ARISTANDCA_BROCADE01785618
show isis database	show isis [config counts database [detail level1 level2 summary] hostname interface [brief ethernet loopback pos ipv6 tunnel ve] neighbor [detail] routes ip-addr shortcut [detail lsp] spf-log [detail level1 level2 traffic]	ARISTANDCA_BROCADE1530651
show isis interface	show isis [config counts database [detail level1 level2 summary] hostname interface [brief ethernet loopback pos ipv6 tunnel ve] neighbor [detail] routes ip-addr shortcut [detail lsp] spf-log [detail level1 level2 traffic]	ARISTANDCA_BROCADE1530651
show lacp counters	show lacp [counters [port-channel] sys-id [port-channel]	ARISTANDCA_BROCADE01785618
show lldp	show lldp	ARISTANDCA_BROCADE01363517
show lldp neighbors	show lldp neighbors [detail ports { all ethernet stack-id/slot/port [to stack-id/slot/port [ethernet stack-id/slot/port to stack-id/slot/port ethernet stack-id/slot/port 1 ... 1]]	ARISTANDCA_BROCADE01363517
show mac-address-table	show mac-address-table [address mac-addr aging-time [conversational [rbridge-id rbridge-id]] count [addressMAC_address conversational linecard linecard_number [address [MAC_address rbridge-id rbridge-id]] interface {<N> gigabitethernet rbridge-id/slot/port vlanvlan_id } dynamic [address MAC_address interface {<N> gigabitethernet rbridge-id/slot/port port-channel number tunnel number vlan vlan_id } interface {<N> gigabitethernet rbridge-id/slot/port port-channel number tunnel number vlan vlan_id } static [address MAC_address interface {<N> gigabitethernet rbridge-id/slot/port port-channel number tunnel number vlan vlan_id } vlan vlan_id dynamic interface learning-mode [rbridge-id [rbridge-id]] linecard interface port-profile [addressMAC_address count dynamic vlanvlan_id] static vlanvlan_id]	ARISTANDCA_BROCADE01785618
show mac-address-table aging time	show mac-address-table [address mac-addr aging-time [conversational [rbridge-id rbridge-id]] count [addressMAC_address conversational linecard linecard_number [address [MAC_address rbridge-id rbridge-id]] interface {<N> gigabitethernet rbridge-id/slot/port vlanvlan_id } dynamic [address MAC_address interface {<N> gigabitethernet rbridge-id/slot/port port-channel number tunnel number vlan vlan_id } interface {<N> gigabitethernet rbridge-id/slot/port port-channel number tunnel number vlan vlan_id } static [address MAC_address interface {<N> gigabitethernet rbridge-id/slot/port port-channel number tunnel number vlan vlan_id } vlan vlan_id dynamic interface learning-mode [rbridge-id [rbridge-id]] linecard interface port-profile [addressMAC_address count dynamic vlanvlan_id] static vlanvlan_id]	ARISTANDCA_BROCADE01785618
show mac-address-table count	show mac-address-table [address mac-addr aging-time [conversational [rbridge-id rbridge-id]] count [addressMAC_address conversational linecard linecard_number [address [MAC_address rbridge-id rbridge-id]] interface {<N> gigabitethernet rbridge-id/slot/port vlanvlan_id } dynamic [address MAC_address interface {<N> gigabitethernet rbridge-id/slot/port port-channel number tunnel number vlan vlan_id } interface {<N> gigabitethernet rbridge-id/slot/port port-channel number tunnel number vlan vlan_id } static [address MAC_address interface {<N> gigabitethernet rbridge-id/slot/port port-channel number tunnel number vlan vlan_id } vlan vlan_id dynamic interface learning-mode [rbridge-id [rbridge-id]] linecard interface port-profile [addressMAC_address count dynamic vlanvlan_id] static vlanvlan_id]	ARISTANDCA_BROCADE01785618
show monitor session	show monitor [session session_number]	ARISTANDCA_BROCADE01785618
show ntp status	show ntp status [rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show port-channel summary	show port-channel [channel-group-number detail load-balance summary]	ARISTANDCA_BROCADE01785618
show port-security	show port-security	ARISTANDCA_BROCADE01785618
show port-security interface	show port-security interface [all port-channel channel-group-number <N> gigabitethernet rbridge-id/slot/port]	ARISTANDCA_BROCADE01785618
show qos maps	show qos maps [cos-mutation [name] cos-traffic-class [name]]	ARISTANDCA_BROCADE01785618
show reload	show reload	ARISTANDCA_BROCADE00062898
show route-map	show route-map [name] [rbridge-id { rbridge-id all }]	ARISTANDCA_BROCADE01785618
show snmp group	show snmp [engineid group server user]	ARISTANDCA_BROCADE01363517
show snmp user	show snmp [engineid group server user]	ARISTANDCA_BROCADE01363517

show spanning-tree	show spanning-tree [pvst mst-config vlan <i>vlan_id</i>]	ARISTANDCA_BROCADE01785618
show spanning-tree interface	show spanning-tree interface [port-channel <i>number</i> <N> gigabitethernet <i>rbridge-id/slot/port</i>]	ARISTANDCA_BROCADE01785618
show spanning-tree mst interface	show spanning-tree mst instance <i>instance_id</i> [interface port-channel <i>number</i> interface <N> gigabitethernet <i>rbridge-id/slot/port</i>]	ARISTANDCA_BROCADE01785618
show storm-control	show storm-control show storm-control broadcast [interface { <N> gigabitethernet } <i>rbridge-id/slot/port</i>] show storm-control multicast [interface { <N> gigabitethernet } <i>rbridge-id/slot/port</i>] show storm-control unknown-unicast [interface { <N> gigabitethernet } <i>rbridge-id/slot/port</i>]	ARISTANDCA_BROCADE01785618
show users	show users [<i>rbridge-id</i> { <i>rbridge-id</i> all }]	ARISTANDCA_BROCADE01785618
show version	show version [<i>rbridge-id</i> { <i>rbridge-id</i> all }] [all-partitions] [brief]	ARISTANDCA_BROCADE01785618
show vlan	show vlan [<i>vlan_id</i>] [brief provisioned unprovisioned] [classifier]	ARISTANDCA_BROCADE01785618
show vlan private-vlan	show vlan private-vlan	ARISTANDCA_BROCADE01785618
show vrf	show vrf [<i>vrf-name</i> detail interface] [<i>rbridge-id</i> { <i>rbridge-id</i> all }]	ARISTANDCA_BROCADE01785618
show vrrp	show vrrp show vrrp VRID [detail summary] [<i>rbridge-id</i> { <i>rbridge-id</i> all }] show vrrp detail [<i>rbridge-id</i> { <i>rbridge-id</i> all }] show vrrp summary [vrf { <i>vrf-name</i> all } <i>rbridge-id</i> { <i>rbridge-id</i> all }] show vrrp summary vrf default-vrf show vrrp interface { <N> gigabitethernet [<i>rbridge-id</i> /] slot/port [detail summary] ve <i>vlan_id</i> [detail summary <i>rbridge-id</i>] } show vrrp <i>rbridge-id</i> { <i>rbridge-id</i> all }	ARISTANDCA_BROCADE01785618
snmp-server community	snmp-server community <i>string</i> [groupname <i>group-name</i>] [ipv4-acl <i>standard-ipv4-acl-name</i>] [ipv6-acl <i>standard-ipv6-acl-name</i>]	ARISTANDCA_BROCADE01785618
snmp-server contact	snmp-server contact <i>string</i>	ARISTANDCA_BROCADE01785618
snmp-server enable traps	snmp-server enable trap	ARISTANDCA_BROCADE01785618
snmp-server engineID local	snmp-server engineid local <i>engine_id</i>	ARISTANDCA_BROCADE01785618
snmp-server group	snmp-server group <i>groupname</i> { v1 v2c v3 { auth priv } } [read <i>viewname</i>] [write <i>viewname</i>] [notify <i>viewname</i>]	ARISTANDCA_BROCADE01785618
snmp-server host	snmp-server host { ipv4_host ipv6_host dns_host } <i>community_string</i> [version { 1 2c }] [udp-port <i>port</i>] [severity-level { none debug info warning error critical }] [source-interface { loopback <i>number</i> ve <i>vlan_id</i> }] [use-vrf { <i>mgmt-vrf</i> default-vrf }]	ARISTANDCA_BROCADE01785618
snmp-server location	snmp-server location <i>string</i>	ARISTANDCA_BROCADE01785618
snmp-server user	snmp-server user <i>username</i> [groupname <i>group-name</i>] [auth { md5 sha noauth }] [auth-password <i>string</i> [encrypted]] [priv { DES AES128 nopriv }] [priv-password <i>string</i> [encrypted]] [ipv4-acl <i>standard-ipv4-acl-name</i>] [ipv6-acl <i>standard-ipv6-acl-name</i>]	ARISTANDCA_BROCADE01785618
snmp-server view	snmp-server view <i>view-name</i> <i>mib_tree</i> { included excluded }	ARISTANDCA_BROCADE01785618
spanning-tree cost	spanning-tree cost <i>cost</i>	ARISTANDCA_BROCADE01785618
spanning-tree link-type	spanning-tree link-type [point-to-point shared]	ARISTANDCA_BROCADE01785618
spanning-tree vlan	spanning-tree vlan <i>vlan_id</i>	ARISTANDCA_BROCADE01785618
spf-interval	[no] spf-interval <secs>	ARISTANDCA_BROCADE00062898
switchport access vlan	switchport access { vlan <i>vlan_id</i> rspan-vlan <i>vlan_id</i> mac <i>HHHH.HHHH.HHHH</i> mac-group <i>mac-group-id</i> }	ARISTANDCA_BROCADE01785618
switchport mode	switchport mode { access trunk }	ARISTANDCA_BROCADE01785618
switchport port-security	switchport port-security mac-address <i>address</i> vlan <i>vlan_id</i> switchport port-security max switchport port-security oui switchport port-security shutdown-time switchport port-security sticky switchport port-security violation	ARISTANDCA_BROCADE01785618
switchport private-vlan mapping	switchport private-vlan mapping <i>primary_vlan_id</i> [add remove] <i>secondary_vlan</i>	ARISTANDCA_BROCADE01785618
switchport trunk allowed vlan	switchport trunk allowed { vlan rspan-vlan } { add <i>vlan_id</i> { ctag { <i>id</i> ctag-range } all except <i>vlan_id</i> none remove <i>vlan_id</i> } }	ARISTANDCA_BROCADE01785618
switchport trunk native vlan	switchport trunk native-vlan <i>vlan_id</i> [ctag <i>id</i>]	ARISTANDCA_BROCADE01785618
tacacs-server host	tacacs-server { host <i>hostname</i> source-ip [<i>chassis-ip</i> <i>mm-ip</i>] } { port <i>portnum</i> } [protocol { chap pap }] [key shared_secret] [encryption-level value_level] [timeout secs] [retries num]	ARISTANDCA_BROCADE01785618
tacacs-server key	tacacs-server { host <i>hostname</i> source-ip [<i>chassis-ip</i> <i>mm-ip</i>] } { port <i>portnum</i> } [protocol { chap pap }] [key shared_secret] [encryption-level value_level] [timeout secs] [retries num]	ARISTANDCA_BROCADE01785618
tacacs-server timeout	tacacs-server { host <i>hostname</i> source-ip [<i>chassis-ip</i> <i>mm-ip</i>] } { port <i>portnum</i> } [protocol { chap pap }] [key shared_secret] [encryption-level value_level] [timeout secs] [retries num]	ARISTANDCA_BROCADE01785618
terminal length	terminal [length <i>number_of_lines</i>] [monitor] [timeout <i>value</i>]	ARISTANDCA_BROCADE01785618
terminal monitor	terminal [length <i>number_of_lines</i>] [monitor] [timeout <i>value</i>]	ARISTANDCA_BROCADE01785618
timers basic (RIP)	[no] timers-basic <update-timer> <aging-timeout-interval> <garbage-collection-timer>	ARISTANDCA_BROCADE01363517
timers throttle spf	timers { lsa-group-pacing <i>interval</i> throttle spf <i>start hold max</i> }	ARISTANDCA_BROCADE00062898

Total of 243 command abstractions listed above.